

**POLYAMIDE MULTILAYER INJECTION MOLDING****Publication number:** JP2003260721 (A)**Publication date:** 2003-09-16**Inventor(s):** UTAZAKI KENICHI; KUMAKI JIRO**Applicant(s):** TORAY INDUSTRIES**Classification:****- international:** *B29C45/16; B29K21/00; B29K77/00; B29K105/16; B29L9/00; B29L31/30; B29C45/16; (IPC1-7): B29C45/16; B29K21/00; B29K77/00; B29K105/16; B29L9/00; B29L31/30***- European:****Application number:** JP20020061692 20020307**Priority number(s):** JP20020061692 20020307**Abstract of JP 2003260721 (A)**

**PROBLEM TO BE SOLVED:** To provide a polyamide multilayer injection molding whose sound insulation property is improved while properties inherent in a polyamide resin is maintained and which is usable for applications for components around engines of automobiles, motorcycles, equipment for marine vessels, agricultural equipment, equipment for civil engineering and construction. ; **SOLUTION:** This polyamide multilayer injection molding has a structure including a skin layer (A) and a core layer (B). The skin layer is formed of a composition in which 99 to 40 wt.% of a polyamide (A1) is compounded in 1 to 60 wt.% of a reinforcing filler (A2). The core layer is formed of a composition in which 100 to 40 wt.% of a thermoplastic elastomer (B1) is compounded in 0 to 60 wt.% of a reinforcing filler (B2). The multilayer injection molding is prepared by simultaneous injection of the skin layer (A) and the core layer (B). ; **COPYRIGHT:** (C)2003,JPO

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